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\*\*\*\*\***OFFICIAL FAX**\*\*\*\*\*

**Date:** November 15, 2006      **Number of pages** (including cover): 5

**To:** U.S. Patent and Trademark Office, U.S. Patent and Trademark Office

**Fax No.:** (571) 273-8300

**Patent No.:** 7005423

**Title:** **CHARACTERIZATION OF GENE FUNCTION USING DOUBLE STRANDED RNA INHIBITION**

**From:** John R. Van Amsterdam, Ph.D.

**Direct dial:** 617.646.8233

**Our File #:** D0590.70003US00

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**CERTIFICATE OF FACSIMILE TRANSMISSION 37 C.F.R. §1.8(a)**

The undersigned hereby certifies that this document is being transmitted via facsimile to the attention of Examiner U.S. Patent and Trademark Office, FAX number (571) 273-8300, at the United States Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450, in accordance with 37 C.F.R. §1.6(d), on the 15th day of November, 2006.

*Sylvana Householder*  
Sylvana Householder

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**ORIGINAL DOCUMENTS WILL NOT BE MAILED.**

**MESSAGE:** Transmitted herewith is/are: Transmittal Letter; Fee Transmittal; Notification of Loss of Entitlement to Small Entity Status

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**Wolf Greenfield Fax Number: 617.646.8646**

617.646.8000 | fax 617.646.8646 | [www.wolfgreenfield.com](http://www.wolfgreenfield.com)

**PATENTS TRADEMARKS COPYRIGHTS TECHNOLOGY TRANSFERS LITIGATION**

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WOLF-GREENFIELD

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NOV 15 2006

Docket No.: D0590.70003US00  
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patentee: Geert Plaetinck et al.  
Patent No.: 7005423  
Issue Date: February 28, 2006  
Serial No.: 09/347311  
Filed: July 2, 1999  
For: CHARACTERIZATION OF GENE FUNCTION USING DOUBLE  
STRANDED RNA INHIBITION

Certificate of Transmission Under 37 CFR 1.8(e)

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being transmitted by facsimile to the Patent and Trademark Office, facsimile no. (571) 273-6300, on the date shown below.

Dated: November 15, 2006

Sylvia Householder

TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is the following items for filing in connection with the above-referenced Patent Application:

1. Notification of Loss of Entitlement to Small Entity Status
2. Fee Transmittal

The Director is hereby authorized to charge \$700.00 for the balance due for the Issue Fee to Deposit Account No. 23/2825. Please charge any underpayment or credit any overpayment to Deposit Account No. 213/2825, under Docket No. D0590.70003US00. A duplicate copy of this paper is enclosed.

Dated: November 15, 2006

Respectfully submitted,

By

  
John R. Van Amsterdam  
Registration No.: 40,212  
WOLF, GREENFIELD & SACKS, P.C.  
Federal Reserve Plaza  
600 Atlantic Avenue  
Boston, Massachusetts 02210-2206  
(617) 646-8000

WGS Date: xNDD

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003/005

NOV 15 2006

PTO/SB/17 (12-04v2)

Approved for use through 7/31/2006. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it displays a valid OMB control number.

<b>Effective on 12/08/2004.</b> <b>Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).</b>		<b>Complete if Known</b>	
<b>Fee TRANSMITTAL</b> <b>For FY 2005</b>		Application Number	Patent#: 7005423
		Filing Date	Issued: February 28, 2006
		First Named Inventor	Geert Pletinck et al.
		Examiner Name	J. T. Woltach
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Art Unit	1632
TOTAL AMOUNT OF PAYMENT	(\$) 700.00	Attorney Docket No.	D0590.70003US00

**METHOD OF PAYMENT** (check all that apply)

<input type="checkbox"/> Check	<input type="checkbox"/> Credit Card	<input type="checkbox"/> Money Order	<input type="checkbox"/> None	<input type="checkbox"/> Other (please identify): _____
<input checked="" type="checkbox"/> Deposit Account Deposit Account Number: 23/2825 Deposit Account Name: Wolf, Greenfield & Sacks, P.C.				
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)				
<input checked="" type="checkbox"/> Charge fee(s) indicated below		<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee		
<input checked="" type="checkbox"/> Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17		<input checked="" type="checkbox"/> Credit any overpayments		

**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fee Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES****Fee Description**

Each claim over 20 (including Reissues)

Small Entity	Fee (\$)	Fee (\$)
	50	25
	200	100
	360	180

Each independent claim over 3 (including Reissues)

Multiple dependent claims

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	Fee (\$)	Fee Paid (\$)
- 20 =	x	=				
- 3 =	x	=				

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/50	(round up to a whole number) x	=	Fee Paid (\$)

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): 2501 Utility issue fee (balance for large entity status) 700.00

**SUBMITTED BY**

Signature		Registration No. (Attorney/Agent)	40,212	Telephone	(617) 646-8233
Name (Print/Type)	John R. Van Amsterdam	Date			

**Certificate of Transmission Under 37 CFR 1.8(a)**

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being transmitted by facsimile to the Patent and Trademark Office, facsimile no. (671) 279-8300, on the date shown below.

Dated: November 15, 2006  
Sylvana Householder

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004/005

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Docket No.: D0590.70003US00  
(PATENT)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patentee: Geert Plaetinck et al.  
 Patent No.: 7005423  
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 Serial No.: 09/347311  
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Dated: November 15, 2006

Sylvia Householder

NOTIFICATION OF LOSS OF ENTITLEMENT TO SMALL ENTITY STATUS

Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Dear Sir:

Assignee, Devgen, N.V., hereby notifies the Patent and Trademark Office that it is not entitled to status as a small entity, and that the claim for small entity status filed by the Applicant is hereby withdrawn.

The Issue Fee in this application filed April 15, 2005 was paid on a small entity basis. This fee should have been paid on a large entity basis. Accordingly there remains a deficiency in the payment of the Issue Fee in the amount of \$700.00. Fees were paid as a small entity in good faith and small entity status was claimed in good faith.

The Director is hereby authorized to charge the balance of \$700.00 which is the difference between the large and small entity fee (\$1,400 - \$700 = \$700) to our Deposit Account No. 23/2825, under Docket No. D0590.70003US00.

Adjustment date: 11/17/2006 SLUANG2  
 04/19/2005 RFEKA0005 09347311  
 01 FC:2501 -700.00 OP

11/17/2006	SLUANG2	090000002	232825	09347311
				700.00
				OP

01 FC:1501

Patent No. 7005423  
Docket No.: D0590.70003US00

Page 2

The undersigned has marked appropriate records to ensure that future maintenance fees will be paid on this patent using large entity rates.

Dated: November 15, 2006

Respectfully submitted,

By John R. Van Amsterdam  
John R. Van Amsterdam  
Registration No.: 40,212  
WOLF, GREENFIELD & SACKS, P.C.  
Federal Reserve Plaza  
600 Atlantic Avenue  
Boston, Massachusetts 02210-2206  
(617) 646-8000

WGS Date: xNDD

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